BEACH INTELLIGENCE

This form is designed to facilitate the collection of information which will be useful in determining the "trafficability" of possible landing beaches. Where available, a large scale chart or photographs illustrating the beach data should be attached.

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A. GENERAL AREA

1. Location Tin City, Alaska

2. From _____ Latitude _____ Longitude _____

   To _____ Latitude _____ Longitude _____

3. Brief point to point description of shoreline topography Beaching area extends approximately three miles in either direction. The Northwest end of the area terminating by the rapid rise of a mountain. The area at the site is clear and is backed by a smooth-faced hill facing the beach.

4. Weather

   a. Time of most favorable weather June-July-August.

   b. Prevailing wind direction Northerly Force Moderate

   c. Wind direction during storms North by West Maximum Force 20 observed

      Frequency of storms during favorable period One in 15 days.

   d. Fog: Time of year June Time of day Morning

      Usually cleared by what hour 0900

      Visibility during fog (distance) ½ to 3 miles

5. Sea Conditions

   a. Direction from Northerly Average Force slight

   b. Storm direction from Northerly Maximum Force 15-20 kts.

      Time and frequency of occurence _____

   c. Average wave height 2 feet Storm wave height 4 - 6 at beach

6. Ice Conditions

   a. Approximate dates of freeze-over and breakup Breakup was at end of June 1953.

   b. Height of foot of landfast ice _____

   c. Location and frequency of floating ice Shoreline cleared out 30 June.

   d. General remarks _____

7. Currents

   a. Direction and velocity at flood tide Current continuous 335° T .86 kts. ebb tide _____

   b. Areas of dangerous tide rips None observed

8. Uncharted dangers to navigation (attach detailed report).

See Map

B. SPECIFIC LANDING BEACH

1. Location from (refer to map showing exact location)

at Latitude _____ Longitude _____ to _____

_____ at Latitude _____ Longitude _____

2. Description

a. Length 2 miles Average width 100 yards

b. Obstructions None

	1 fathom to MLW	MLW to MHW
c. Composition (sand, gravel, etc.)	Gravel	Gravel
d. Consistency (hard sand, mud, etc.)	Hard	Hard
e. Gradient (Ft:ft) (average)		
f. Approximate width	100 yards	

g. Variations in above factors at different locations on the beach

The Beaching Area is consistent in type.

3. Offshore conditions (1-fathom curve seaward to 40-fathom curve)

a. Obstructions to approach None

b. Bottom characteristics Sand

c. Depth at which bottom visible 5 feet

d. Location of favorable anchorages (note on chart) ½ mile off of beach in 8 fathoms.

e. Nearest storm-sheltered anchorage Cape Clarence

4. Surf Conditions

a. General condition and direction of surf Northerly Average height 2 - 3 feet

b. Direction of heavy surf Northerly Maximum height 4 - 6 feet

c. Remarks as to possibility and conditions for most practicable landing:

LST made beaching at this site (see chart). Recommended beaching site. Old landing site (used by LCU's) found dangerous for LST activity.

d. State of tide when surf most favorable Any tide

5. Tidal Conditions

a. Average rise and fall 2 - 3 feet Maximum rise and fall Max to 3.7

b. Most favorable tide for landing High water

c. Local cross currents:

Direction and velocity at ebb tide Westerly Flood tide Northerly

Remarks

6. Terrain Immediately Behind Beach

a. General description 400 yards behind beach site is flat ridged mountain extending one mile to the West and 1/4 mile to the East.

b. Soil Support (Estimated)

Heaviest tracked vehicle usable in dry weather Crane and dozer wet (DS)

Heaviest wheeled vehicle usable in dry weather Heavy truck wet

c. Soil type (sand, clay, mud, etc.) Rock Porous? Very

d. Vegetation None.

e. Portions of beach most favorable for exit inland To the North of site, 1 mile, at the Tin City area.

f. Distance inland to barriers (mountain ranges, bodies of water, etc.) ½ - 2 miles.

7. Facilities

a. Camp sites Air Force site 1½ mile from beaching area.

Fresh water location None Amount

b. Wharves or piers

Location None Condition

Number Face length (total)

Cranes available Military Type Capacity

c. Storage facilities At camp site.

Size ? Condition

Location ? Cold Storage

d. Construction materials available (list type and quantity available) None observed

e. Roads (indicate on chart)

Type of surface Rock pack Condition in wet weather Not observed

Condition in dry weather good Capacity

f. Railroads

Gauge None Condition

Origin Destination

g. Navigable rivers

Distance inland None Draft

Location of mouth

h. Towns Military

Population ?? Industry

Attitude of people